Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 27 Jul 2021 until 23:59 on Wednesday 28 Jul 2021

Forecast Issued on Tuesday 27 Jul 2021 at 04:13

Confidence: High for showery and changeable theme. Low for location of individual thunderstorms this week.

Headline for Tuesday 27 Jul 2021: A mostly fine start. Heavy, thundery showers later.

Mountain weather hazards on Tuesday 27 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms High Likelihood	**Heavy persistent rain** Medium Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Mist	Sunny intervals	Sunny intervals	Thunderstorm	Thunderstorm	Heavy rain showers
Precipitation probability					
10%	10%	20%	40%	60%	40%

Forecast for Tuesday 27 Jul 2021

Weather: A dry and largely sunny start. Sunny spells and slow-moving heavy thundery showers developing by early afternoon, these becoming more widespread during the late afternoon, with localised downpours and hail possible. Showers or longer spells of rain continuing well into the evening.

Chance of cloud free mountain/hill tops above 600m: 60% at first with patches of low cloud to around 300-400m. Improving to greater than 95% from mid-morning. 90% into the afternoon perhaps some patches of low cloud to around 500-600m in any prolonged, heavy showers/thunderstorms. 70% by the late evening with occasional patches of cloud with bases 500-600m.

Visibility: Mostly good or very good with clear view of distant hills, though some valley fog giving locally very poor conditions until mid-morning. Becoming poor near or during showers with nearby landmarks difficult to discern.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 27 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 SW	8/10 W	6/9 SW	8/11 SW	7/10 W	6/9 SW	6/10 SW
300	6/10 W	5/8 W	5/9 SW	6/10 SW	5/9 W	4/9 W	4/10 SW
Valley	2/6 W	5/8 W	6/9 SW	6/11 SW	5/9 W	3/7 W	4/9 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/12	15/14	15/14	14/13	13/12	12/11
300	14/14	16/16	18/18	18/17	16/16	14/14	14/14
Valley	15/15	17/17	19/19	19/18	18/18	16/16	15/15
Freezing Level*	2400m	2400m	2500m	2600m	2700m	2700m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy, thundery showers pose a significant safety risk, especially later this afternoon and evening. Prolonged downpours could lead to unstable footing on slopes and fast-responding water-courses. Sun protection is also recommend, with some strong sunlight likely outside of showers.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 27 Jul 2021	0mm	0mm	0mm

Forecast for Wednesday 28 Jul 2021

Weather: Mainly dry for a time overnight, but a band of heavy rain arrives late in the night and continues through the early morning. Bright or sunny spells breaking through with a few showers by late morning. Frequent, perhaps thundery showers developing by the afternoon. A fresher feeling day and noticeably breezier.

Maximum wind: Westerly 20-25 mph gusting 30-35 mph.

Chance of cloud free mountain/hill tops above 600m: 70% becoming 30% overnight. Increasing to greater than 95% by mid-late morning. 90% by the afternoon perhaps some patches of low cloud to around 500-600m in any prolonged, heavy showers/thunderstorms.

Visibility: Poor initially in heavy rain and low cloud. Becoming very good with brief spells of moderate or poor around showers.

Temperature: **Valleys:** Plus 14 Celsius becoming Plus 19 Celsius
At 600m: Plus 7 Celsius becoming Plus 13 Celsius
Freezing level: Above summits.

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